

# **GOVERNOR'S CUP 2006**



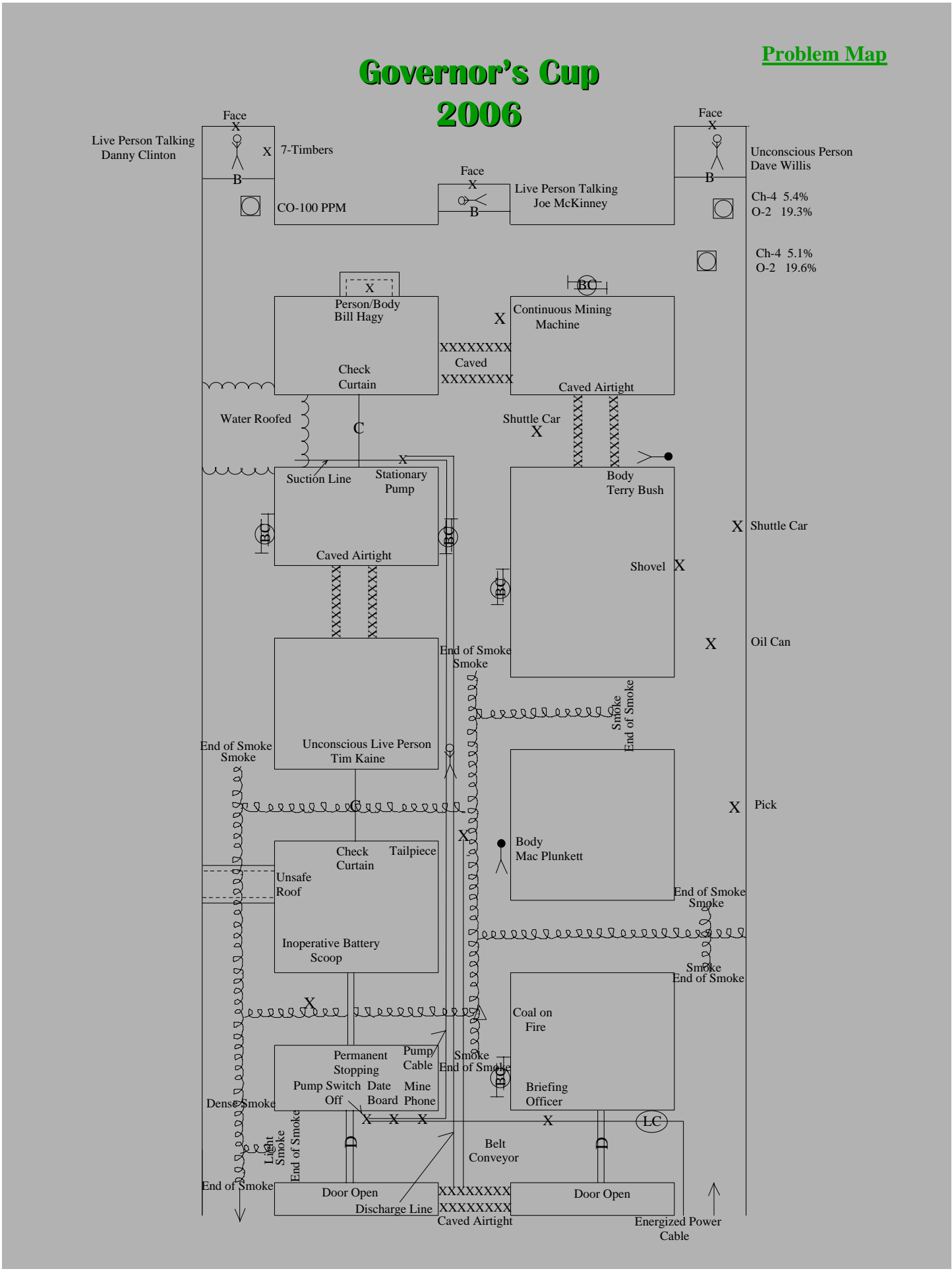
## **MINE RESCUE CONTEST**

**Southwest Virginia Community  
College**

**May 26, 2006**

Governor's Cup  
2006

Problem Map





**Field Set Up**



**Governor's Cup  
Mine Rescue Contest - 2006  
Chairman's Instructions**

- Before the team arrives on the field, the Chairman will check the field for mistakes and placard placement.
- The Chairman is responsible to account for all judges.
- The Chairman is responsible for the stopwatch and for its return to Wayne Davis.
- The Chairman will assign a judge to be the official timekeeper.
- The Chairman, or other judge designated by the Chairman, is responsible for turning all placards when required.
- The Chairman will place Patient No. 1 (Tim Kaine) inby the second crosscut in #2 entry when the team travels inby the fresh air base.
- The Chairman will place Patient No. 2 (Joe McKinney) behind the barricade in the #2 entry when the team re-enters the mine after taking Patient No. 1 to the fresh air base. Instruct this patient to read Patient No. 2 “Note” when the team arrives in the intersection in front of the barricade in #2 entry.
- The Chairman will place Patient No. 3 ( Danny Clinton) behind the barricade in #1 entry after Patient No. 2 is taken to the surface. Instruct patient to read Patient No. 3 “Note” when the team arrives in the intersection in from of the barricade in #1 entry.
- The Chairman will place Patient No. 4 ( Dave Willis) behind the barricade in #3 entry after Patient No. 3 is taken to the surface. Instruct patient to read Patient No. 4 to place placard on his chest.
- The Chairman must receive both maps from the working team after the clock is stopped.
- The Chairman will check the time clock with the official timekeeper at the end of the problem. (Minutes and seconds must be placed on the working team's scoreboard).
- At the completion of the problem, *the Chairman and one judge will check the mine and mark on a blank map how the ventilation controls were left by the working team.* This map will be submitted to the Map Examiners.
- The Chairman is responsible for having all judges, including the Superintendent, to fill out the scorecards after the completion of the problem.



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Mine Rescue Contest - 2006**

**Superintendent's Instructions**

The Superintendent shall assist the Field Manager in checking the field for mistakes and placard placement prior to any team starting the Problem.

- When the team arrives and is ready, the Superintendent shall read the prepared Statement but will not answer questions regarding the Problem or Conditions in the mine.
- A maximum of five (5) minutes will be allowed for the team to review the Statement after the Superintendent reads it to them.
- When the team is ready to start the Problem, the Superintendent will present the Team Instructions and Maps to the team. Give them a copy of the written Statement as well.
- After giving the Team Instructions and Maps to the team, the Superintendent will go to the Command Center to respond to any communications with the Briefing Officer.
- The team is to notify the Command Center for permission to energize electrical power to the electric pump on the section.
- The team is to notify the command Center of the name of each missing miner when he is located (prior to the team making a team move).
- The team is to notify the Command Center any time a fire or an explosive gas mixture is encountered.
- *Electrical power coming from the surface to the pump switch located in the fresh air base cannot be energized, even if requested by the team.*
- Upon completion of the problem, the Superintendent will assist Judges in filling out the scorecards.

**Governor's Cup  
Mine Rescue Contest - 2006**

**Statement**

I am \_\_\_\_\_, Superintendent of the Bush and Ratliff Coal Company. You are located underground at the fresh air base on the 2 Right Section. This fresh air base was established when conditions were encountered that prevented further exploration without a breathing apparatus.

The 2 Right Section was being developed towards the property boundary with future retreat mining planned. There are some abandoned mine workings adjacent to this section and we were in the process of setting up a test hole drilling program.

At 6:00 AM this morning, seven (7) men entered the mine to produce coal on this section. At approximately 8:00 a.m., one of the miners called to the surface reporting that he believed the crew was preparing to drill their first test hole. Shortly thereafter, someone else called to the surface and reported a fire on the section. Attempts to contact anyone on the section since that time have been unsuccessful. All other mine personnel have been removed from the mine.

The main mine fan, located on the surface, is presently exhausting and cannot be turned off or reversed. Air is presently coming up the #3 entry, traveling across the fresh air base and returning out the #1 entry. Light smoke is present in the #1 entry.

An electrically powered pump has been used in the #1 entry of the section near the face over the last few days in a low area where water will roof rapidly if the pump is not operating. The pump is currently off but can be started by the team, if necessary, by energizing the power to the pump cable using the pump switch at the fresh air base (point out location). Electrical power is currently provided up to the pump switch.

A Command Center has been established on the surface of the mine and will function to coordinate information and instructions to and from the team as they work through the mine.

We have a competent lifeline judge available (point out). The mine map was updated 1 week ago. That is all the information we have.



**Preparing to Enter the Mine**



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Mine Rescue Contest - 2006  
Team Instructions**

- The briefing officer shall establish communications with the Command Center prior to the entire team going in by the fresh air base.
- Explore all accessible areas that can be safely examined
- Rescue all live persons and bring them to the fresh air base.
- Account for all missing miners.
- The team shall notify the Command Center immediately after they identify any missing person and report the name of the missing miner to the Command Center.
- The team shall comply with any directives they receive from the Command Center throughout the working of the problem.
- The team shall notify the Command Center immediately if they encounter a fire or an explosive gas mixture and give the location.
- The team shall get permission from the Command Center prior to energizing any electrical power in by the fresh-air base.





**Briefing Officer**



**Governor's Cup  
Mine Rescue Contest - 2006  
Patient No. 2 Note**

**“Help, Help, get me out...**

**The Face, Roof and Ribs are airtight  
behind me.”**

**Governor's Cup  
Mine Rescue Contest - 2006  
Patient No. 3 Note**

**“Help, Help, get me out...**

**The Face, Roof and Ribs are airtight  
behind me.”**





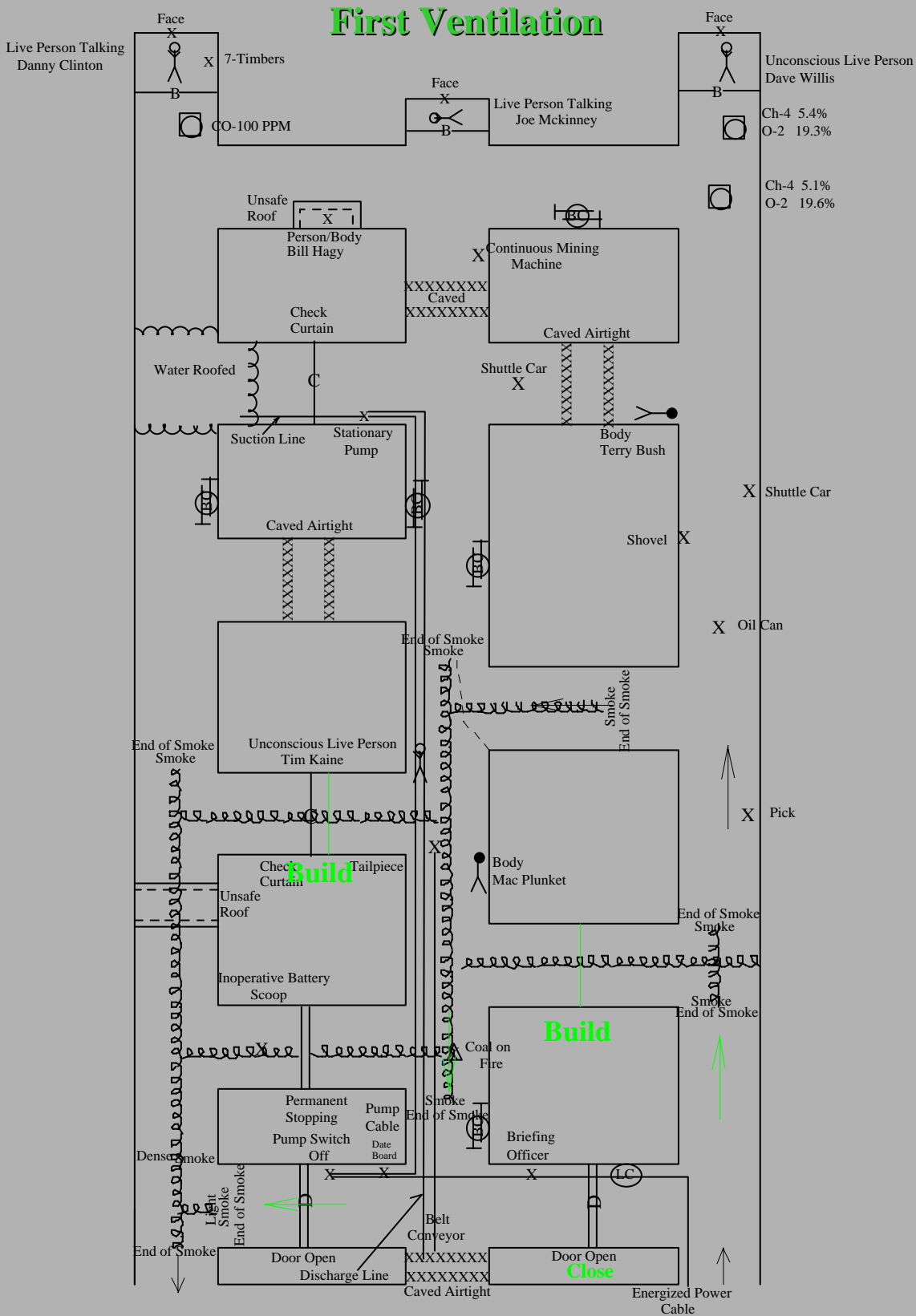
**Patient Rescue**





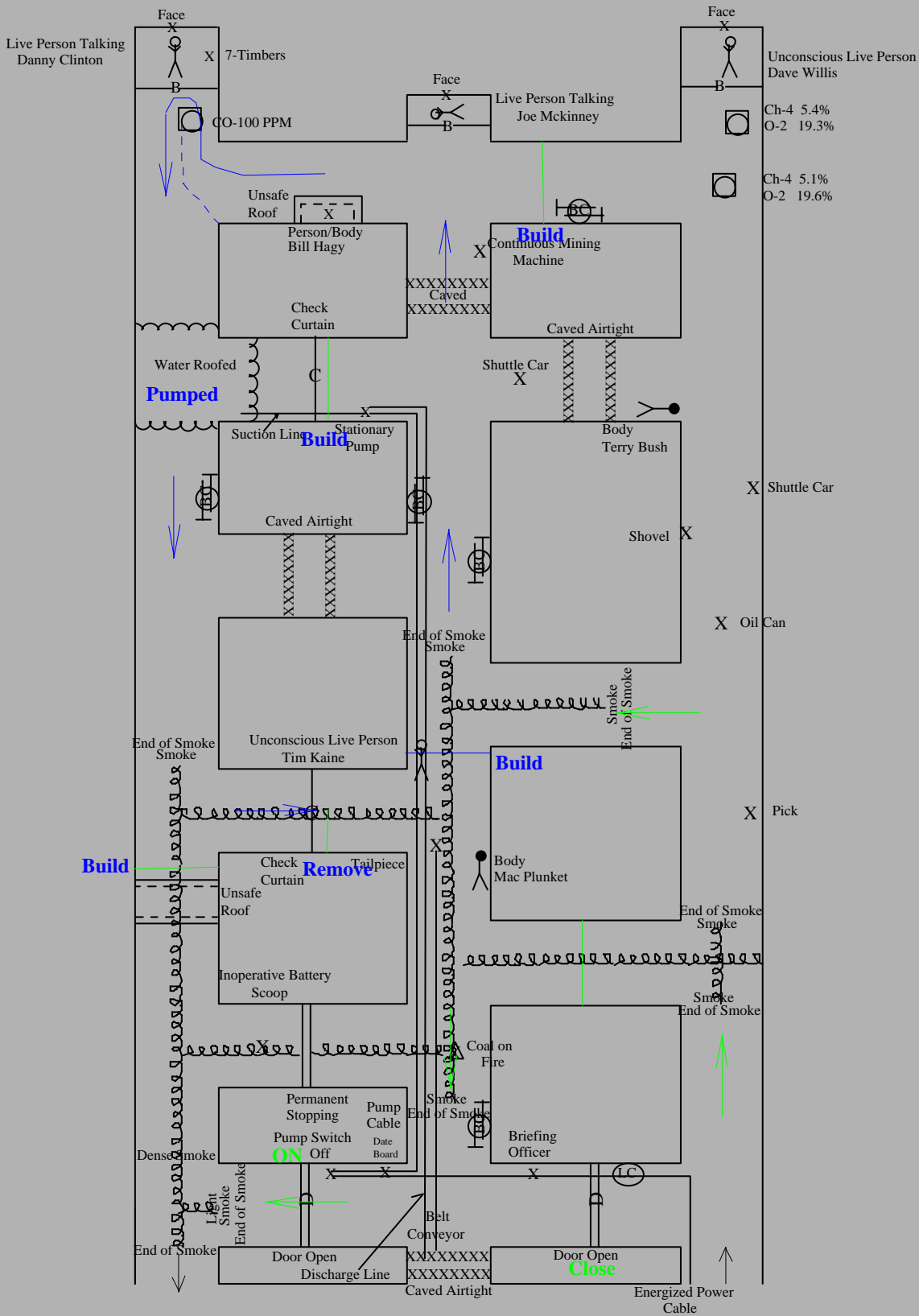
# Governor's Cup Mine Rescue Contest - 2006

## First Ventilation



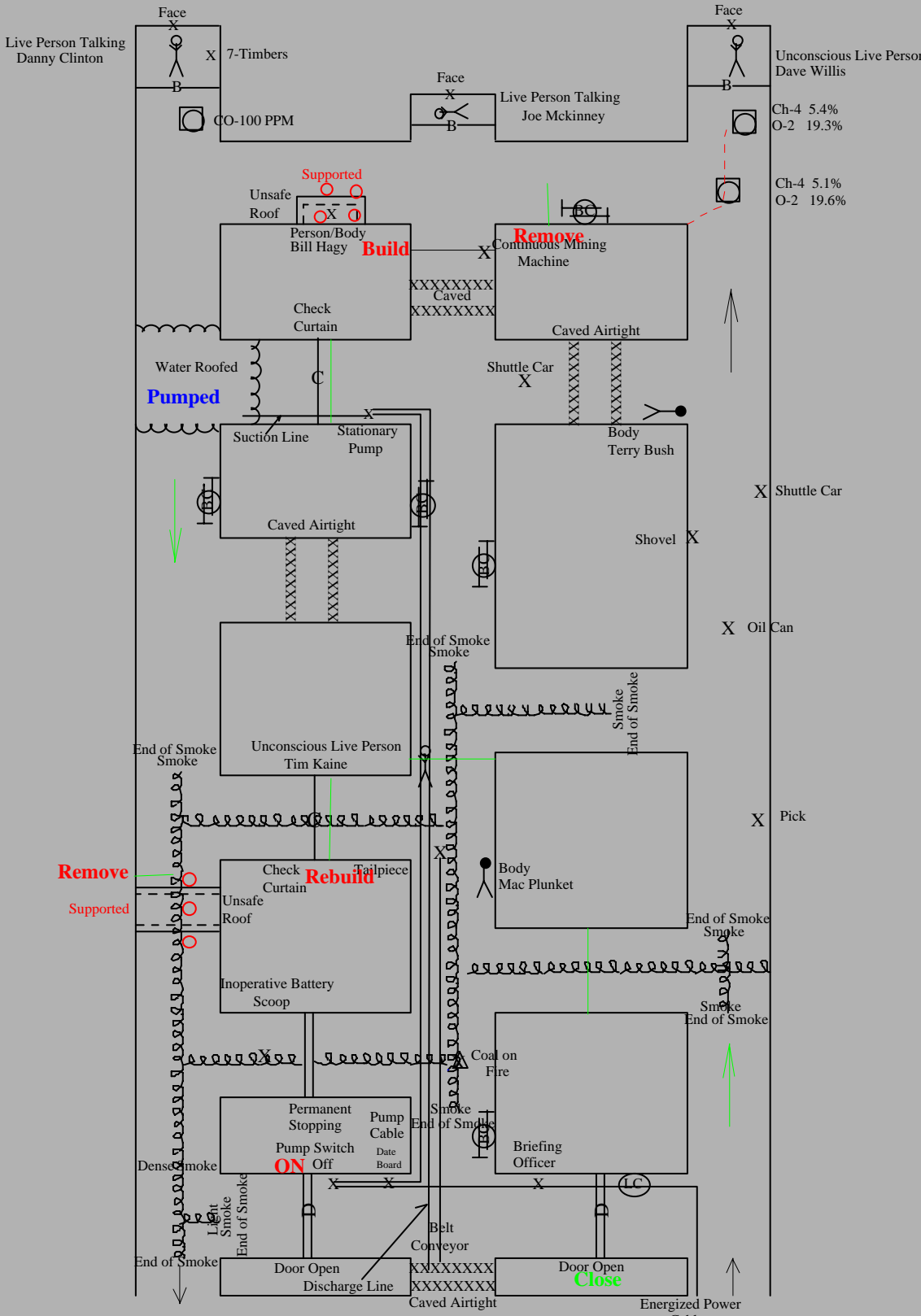
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Second Ventilation



# Governor's Cup Mine Rescue Contest - 2006

## Third Ventilation



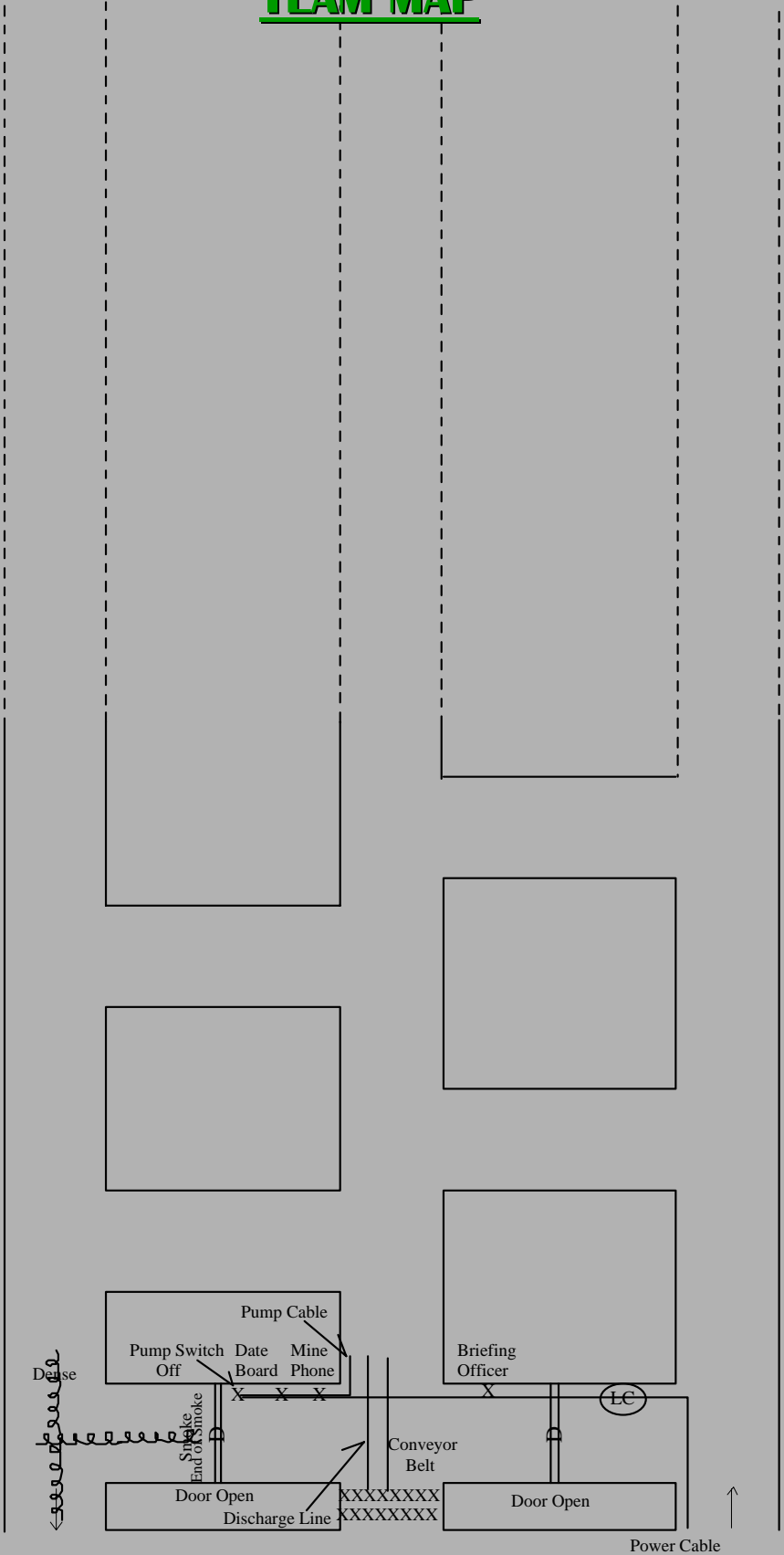


**Working the Problem**





**Governor's Cup  
Mine Rescue Contest – 2006  
TEAM MAP**



## **Governor's Cup Mine Rescue Contest – 2006**

### **GENERAL RULES**

- Nails are not to be used on the field. Top boards have been constructed with slots to connect to the up-rights to stabilize the framework. Ventilation curtains have been provided with Velcro Strips. Bottom boards will not be used for temporary stoppings.
- Connection of permanent stoppings, temporary stoppings, airlocks, or seals will require connection of all straps. Four (4) straps on top and two (2) on each side must be completed. The lower strap on each side may be left loose for check curtains.
- Frames are anchored in place on the field cannot be disassembled. An adequate quantity of building material to work the problem will be provided.
- When removing curtain from the frames, each Velcro strap must be disconnected individually. Do not pull on the curtain to disconnect the Velcro strap. This may result in broken straps.
- Working time for the problem will be 70 minutes. If teams do not complete problem in time allowed they will be discounted for any unaccounted for people and for any thing that should have been located and mapped.
- If weather conditions require judges to alter an airtight build (i.e. loosening the straps, sliding the curtain, etc.) on the field during the working of the problem by the team, a four-inch (4") yellow strip will be attached by the judges to the cross member to indicate to the team that the build is still intact.



**Working the Problem**



[illegible]





**Awards Presentation**



**VIRGINIA**  
**Mine Rescue Teams**

**Company:** CONSOL ENERGY, INC.

**Team Name:** BUCH MINE – B TEAM

**Address:** DRAWER L  
OAKWOOD, VA 24631

**Contact:** DENNIS PERRY – (276) 988-3106  
(276) 964-2869

**Apparatus:** DRAGER BG4

**No. of Units:** 7

**Members:** 8





## **VIRGINIA** **Mine Rescue Teams**

**Company:** CONSOL ENERGY, INC.  
**Team Name:** BUCH MINE – A TEAM  
**Address:** P.O. BOX 230  
MAVISDALE, VA 24627  
**Contact:** MIKE CANADA – (276) 498-8254  
(276) 676-4585  
**Apparatus:** DRAGER BG-4  
**No. of Units:** 8  
**Members:** 8



## **VIRGINIA** **Mine Rescue Teams**

**Company:** JEWELL SMOKELESS COAL CORP.  
**Team Name:** JEWELL SMOKELESS A & B TEAMS  
**Address:** P.O. BOX 70  
VANSANT, VA 24656  
**Contact:** GERALD KENDRICK – (276) 935-8810  
(276) 935-5871  
**Apparatus:** BIOMARINE 240  
**No. of Units:** 14  
**Members:** 12





**VIRGINIA**  
**Mine Rescue Teams**

**Company:** DICKENSON RUSSELL COAL CO., LLC.

**Team Name:** DICKENSON RUSSELL (A TEAM)

**Address:** 7546 GRAVEL LICK RD.  
CLEVELAND, VA 24225

**Contact:** DANNY CROMER – (276) 889-6258  
(276) 944-5797

**Apparatus:** DRAGER BG-4 (14)  
DRAGER BG-174A (7)

**No. of Units:** 14

**Members:** 11



**VIRGINIA**  
**Mine Rescue Teams**

**Company:** LONE MOUNTAIN PROCESSING

**Team Name:** LONE MOUNTAIN PROCESSING

**Address:** DRAWER C  
ST. CHARLES, VA 24282

**Contact:** JIM VICINI – (606) 837-2202  
(606) 589-2322

**Apparatus:** DRAGER BG-4 (6)  
DRAGER BG-174A (10)

**No. of Units:** 16

**Members:** 8





## **VIRGINIA** **Mine Rescue Teams**

**Company:** PARAMONT COAL CO., VA LLC.

**Team Name:** PARAMONT COAL (BLUE TEAM)

**Address:** P.O. BOX 1578  
COEBURN, VA 24230

**Contact:** JERRY BLEDSOE – (276) 679-8710  
(276) 431-2800

**Apparatus:** DRAGER BG-4 (13)

**No. of Units:** 13

**Members:** 9



## **State Designated** **Mine Rescue**

**The Virginia Department of Mines, Minerals and Energy's, Division of Mines (DM), operates the State Designated Mine Rescue Program.**

- **Virginia contracts mine rescue teams to provide mine rescue coverage to Virginia coal mines.**
- **Licensed coal mines in Virginia contract with Virginia for mine rescue coverage.**
- **Fees are passed through (less 10%).**

**DM Assists mine rescue teams with training.**

- **Inspection of Mine Rescue Stations.**
- **Co-sponsors mine rescue contests with Mine Safety & Health Administration, Virginia Mining Association, Virginia Mining Institute.**
- **Assists with training for mine rescue contests.**

